



Compact Wireless BioMetric Monitoring and Real Time Processing System

ZIN Technologies, Inc.
Brookpark, OH

INNOVATION

vMetrics is an extensible, modular and ambulatory solution to the growing demand for monitoring of patients/subjects outside of the clinical setting

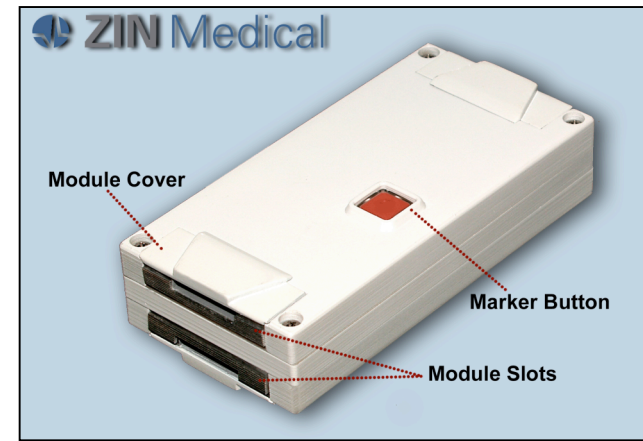
ACCOMPLISHMENTS

- ◆ Provided a novel ambulatory, modular, and extensible Biomedical monitor
- ◆ Can measure multiple vital signs, is lightweight, compact, easy to use, and capable of sending biomedical data via RF signal to earth in real-time
- ◆ First truly ambulatory modular BioMedical monitor for home health, clinical research and consumer wellness

COMMERCIALIZATION

- ◆ ZIN Medical, a partnership between ZIN Technologies and the Cleveland Clinic, was incorporated in 2006 to design, develop, commercialize, and market BioWATCH under the trade name vMetrics
- ◆ Two patents are currently pending
- ◆ Phase 3 funding of \$350K from the State of Ohio (ORCGP) to foster commercialization with additional external Phase III funds totaling \$750K
- ◆ Three full time people support commercial development with expected growth in the next three months

Glenn Research Center
 3-121, Biological & Physical Research
 Exploration Systems Mission Directorate



BioWATCH Prototype

GOVERNMENT/SCIENCE APPLICATIONS

- ◆ The BioWATCH technology can be used by NASA for Exploration Vision missions during Extravehicular and Intravehicular Activity operations
- ◆ BioWATCH is being considered for Ambulatory telemetry of crew health and safety aboard the Space Shuttle and the International Space Station (ISS)
- ◆ Weight reduction of up to 40% over current deployed space hardware
- ◆ ZIN is a collaborator on the Global Cardiovascular Innovation Center team to in-license cardiovascular technologies for the treatment of cardiovascular disease

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